

Beaver Dam Road Bridge

Spanning Rock River, on Beaver Dam Road

Addison

Washington County

Wisconsin

HAER No. WI-41

HAER
WIS,
66-ADD,
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
U. S. Department of the Interior
P. O. Box 37127
Washington, D. C. 20013-7127

HISTORIC AMERICAN ENGINEERING RECORD

HAER
W13,
66-ADD,
1-

Beaver Dam Road Bridge

HAER No. WI-41

Location: Spanning Rock River, on Beaver Dam Road
(Section 5, Town 11N, Range 18E)
Addison, Washington County, Wisconsin

Date of Construction: ca. 1896

Builder:

Present Owner:

Present Use: Vehicular bridge

Significance: The Beaver Dam Road Bridge is a representative example of a Wisconsin bedstead truss highway bridge. It is identical to a bedstead truss in Allentown, Wisconsin, built by the Milwaukee Bridge and Iron Works, a leading Wisconsin bridge building company.

Historian: Lola Bennett
Wisconsin Historic Bridges Recording Project
Summer 1987

ARCHITECTURAL INFORMATION

Style: Bedstead Pony Truss

Material of Construction: Truss - metal
Deck - wood
Retaining wall - steel plate
Pinned connections

Shape and Dimensions: Single bedstead span - rectangular
Length - 40 feet 8 inches
Width - 14 feet

Exterior Features: Endposts - double channels tied back-to-back with V-lacing
Upper chords - double upright channels tied back-to-back
with cover plate and batten plates
Lower chords - double back-to-back angles tied with
V-lacing
Bottom lateral bracing - cylindrical eyebars
Verticals - double back-to-back angles tied with V-lacing
and batten plates
Diagonals - double rectangular-section eyebars
Counters - cylindrical eyebars with turnbuckles

OTHER INFORMATION

The legs are buckled.

SOURCES OF INFORMATION

P-66-55 Truss Bridge Intensive Survey (1986), Wisconsin Department of
Transportation Files, Madison.